Press Release BYOME LABS
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COSMETIC 360 | October 14–15, 2026 | Carrousel du Louvre, Paris | Booth DA49

Microbiome: BYOME LABS Puts Cosmetic Formulations to the Scientific Test



The microbiome has become a central topic in the cosmetics industry. At Cosmetic 360, BYOME LABS will demonstrate how its scientific expertise helps turn claims into evidence, through its MICROBIOME RESPECT label and the latest developments in its BYOME DERMA solution.

For manufacturers, the challenge is now to objectively assess the real impact of their formulations. In a European regulatory environment where cosmetic claims must be supported by reliable, verifiable evidence, access to methods capable of measuring this impact has become a strategic priority. BYOME LABS provides a concrete response to this need.

Prove It Before You Claim It

BYOME LABS' laboratory conducts *in vitro* assessments of the impact of finished products, active ingredients, and raw materials on representative strains of the skin microbiome. Tests are performed under both planktonic and biofilm conditions to account for the different ways microorganisms organize themselves on the skin.

To support this approach, the company draws on a team of 17 specialists with over 20 years of combined expertise, a proprietary microbial strain collection, and more than 5,000 sequencing analyses and microbiomes studied.

Following testing, manufacturers receive the testing protocol, results, raw data, and benchmarks. BYOME LABS' teams then help interpret these findings to guide R&D decisions, optimize formulations, and substantiate product claims.

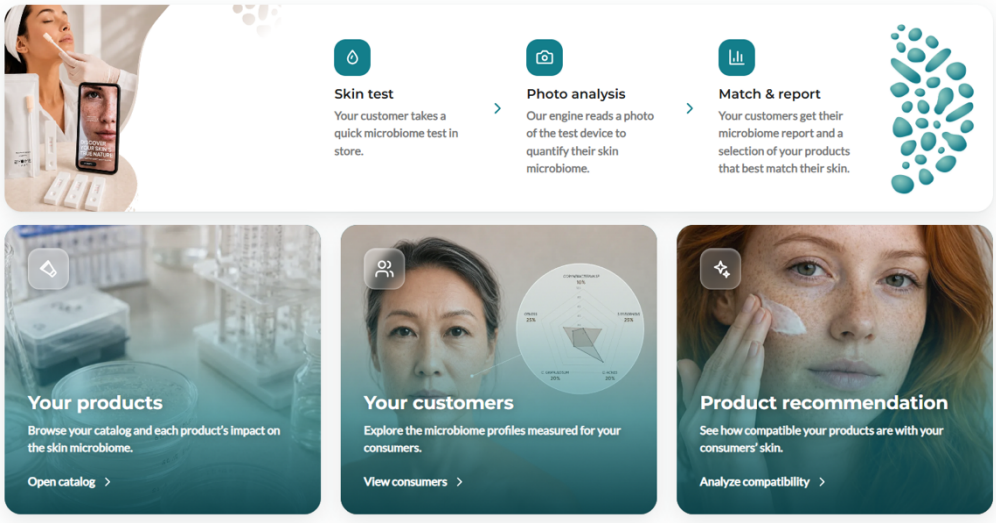
"There's a risk that the microbiome will become a claim everyone makes but few can actually substantiate. Our role is to give formulators and ingredient suppliers the tools to measure the real impact of a formulation or active ingredient, access their data, and understand what it means. This scientific evidence is what ultimately enables more confident R&D decisions and stronger product differentiation in the market," says **David Suissa, Founder and CEO of BYOME LABS**.

The MICROBIOME RESPECT Label

The MICROBIOME RESPECT label combines scientific evaluation with a comprehensive report, a certificate, and a logo that can be used across communication materials. It enables brands and ingredient suppliers to differentiate their innovations in an increasingly competitive cosmetics market and showcase their scientific approach to partners and consumers.

BYOME LABS is also a founding member of the MICROBIOME RESPECT working group led by Cosmetic Valley. The group brings together experts, brands, ingredient suppliers, and laboratories to establish best practices for microbiome testing.

A Dedicated Back-Office Platform for Scientific Data and AI-Powered Recommendations



Beyond scientific reports, BYOME LABS provides brands with a dedicated back-office platform where they can access, review, and export data from laboratory tests. This makes results readily available and actionable, helping R&D teams make informed decisions, document formulation performance, and highlight the value of tested products.

The platform is also part of the BYOME DERMA ecosystem, which combines rapid skin microbiome analysis with AI-powered personalized recommendations. Developed by BYOME LABS, the solution uses a skin sample and a test interpreted through an AI-enabled application. The resulting microbiome profile can then be matched with products whose impact on the microbiome has previously been evaluated in the laboratory, enabling recommendations of the most suitable products.

The goal is to give brands access to their scientific data and AI-powered personalized recommendations through a dedicated platform. Studies conducted upstream can therefore do more than substantiate claims: they can also support personalized skincare guidance in stores, pharmacies, or at home.

Cosmetic 360 will also provide an opportunity to discover a new version of the BYOME DERMA application.

Meet BYOME LABS at Booth DA49

On October 14 and 15, at the Carrousel du Louvre in Paris, BYOME LABS' scientific teams will present their testing protocols, examples of results, and the role of biofilms in evaluating cosmetic formulations. Interviews with David Suissa can be arranged upon request.

About BYOME LABS

Founded in 2023 by David Suissa, BYOME LABS is a French deeptech company specializing in microbiome testing and analysis for the cosmetics, dermocosmetics, and pharmaceutical industries. The company combines expertise in microbiology, immunology, genetic engineering, and artificial intelligence to study the skin, scalp, oral, and vaginal microbiomes. It supports formulators, ingredient suppliers, and brands in measuring, optimizing, and demonstrating the impact of their products on the microbiome.

Its in vitro microbiology laboratory is located in Clermont-Ferrand, France, with a production facility in Orléans. A founding member of Cosmetic Valley's MICROBIOME RESPECT consortium, BYOME LABS is also developing BYOME DERMA, a rapid skin microbiome analysis solution combined with personalized product recommendations.

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